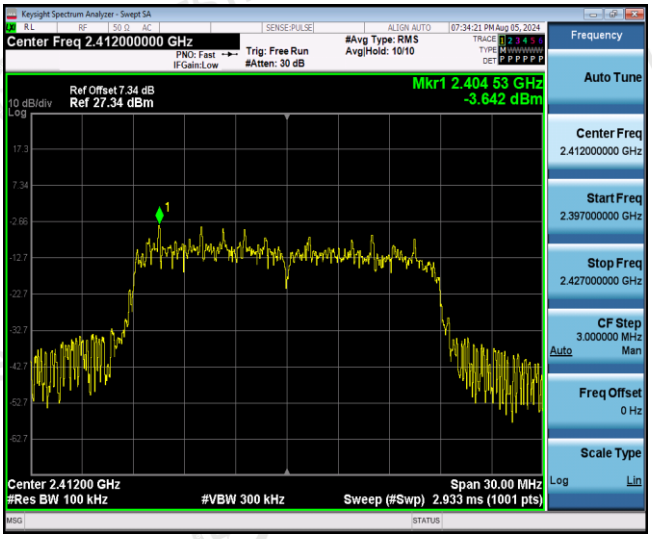
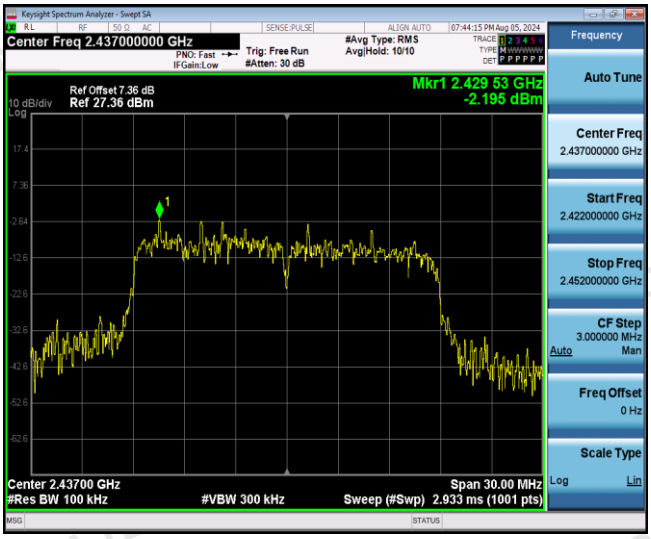
802.11n20

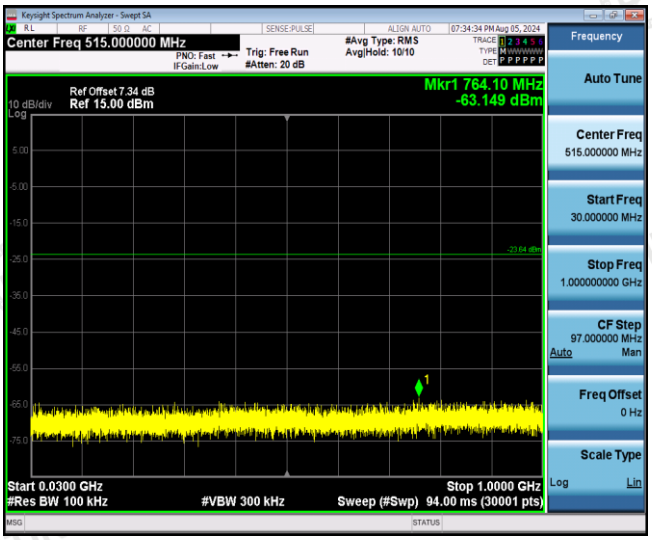


Reference



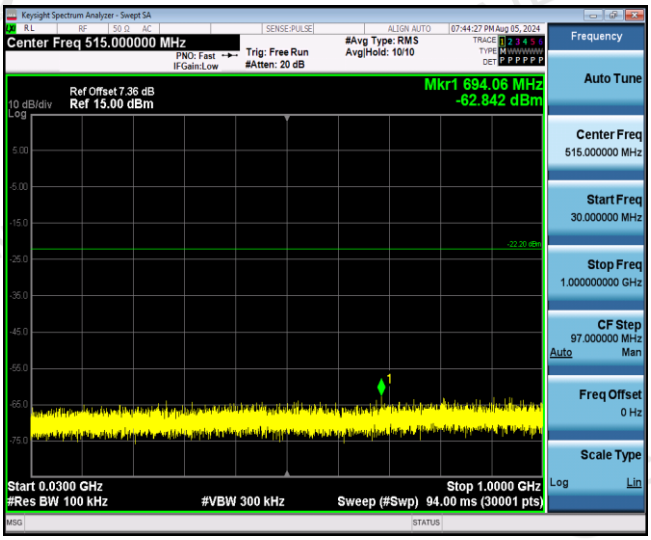
Reference

CH01

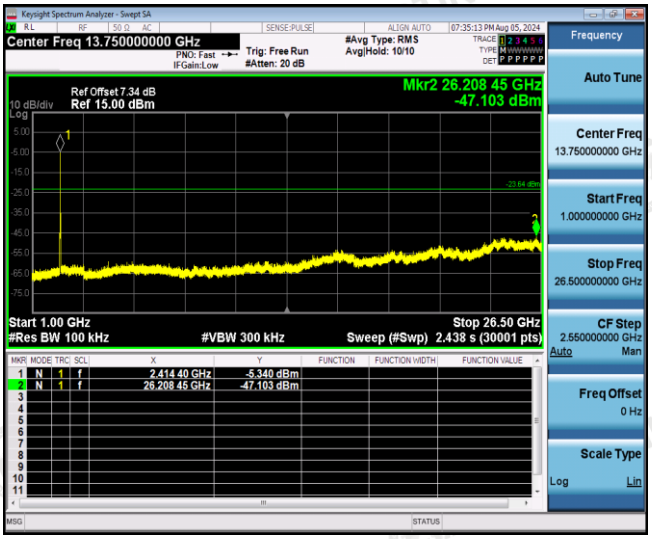


30MHz-1GHz

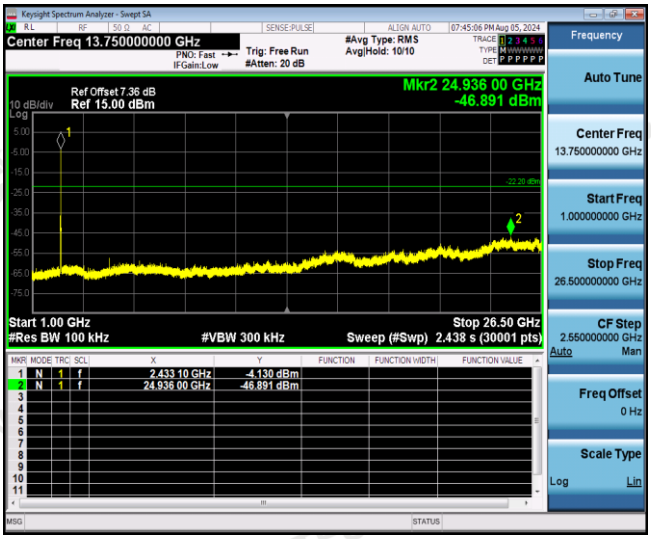
CH06



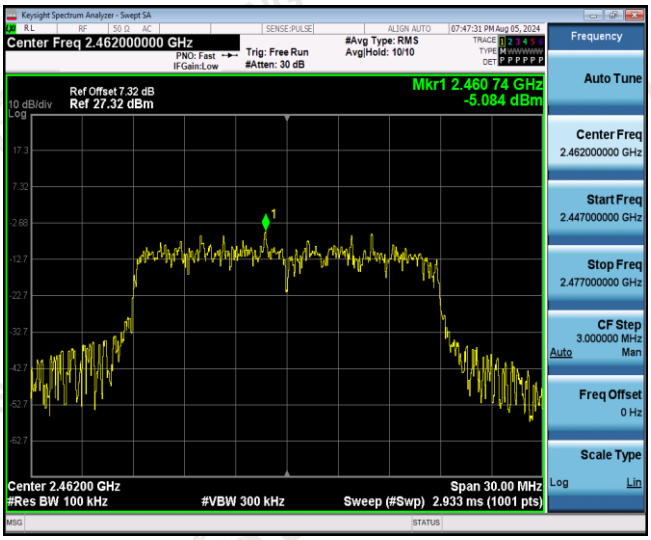
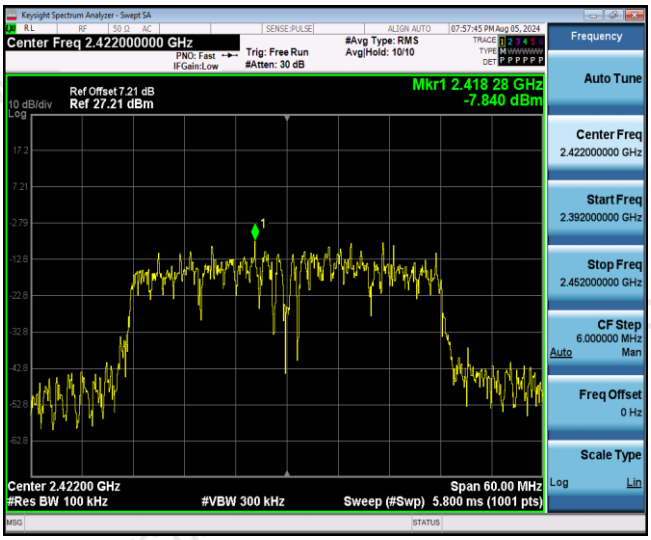
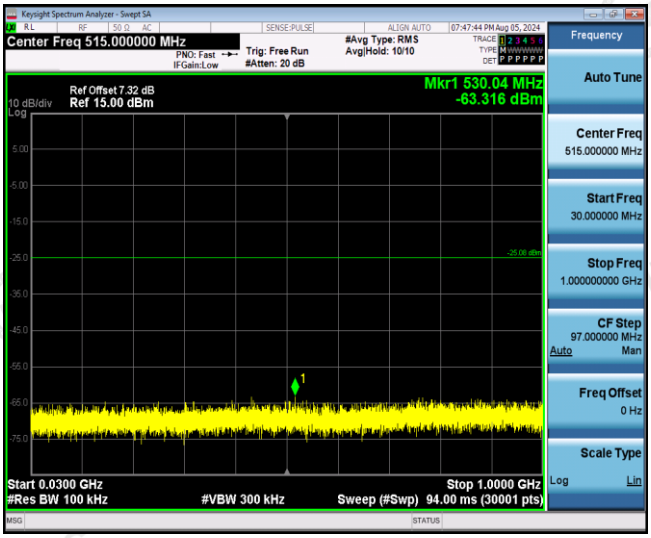
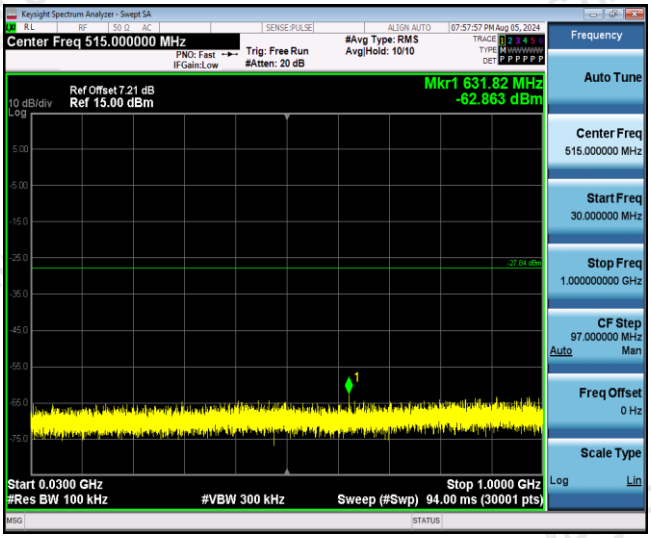
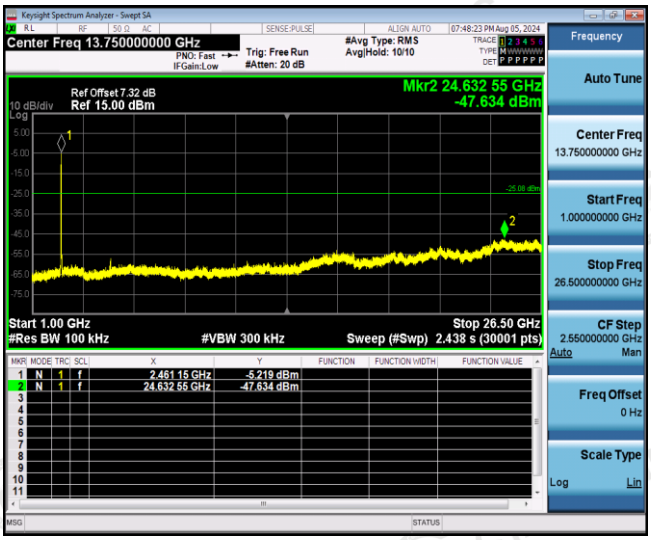
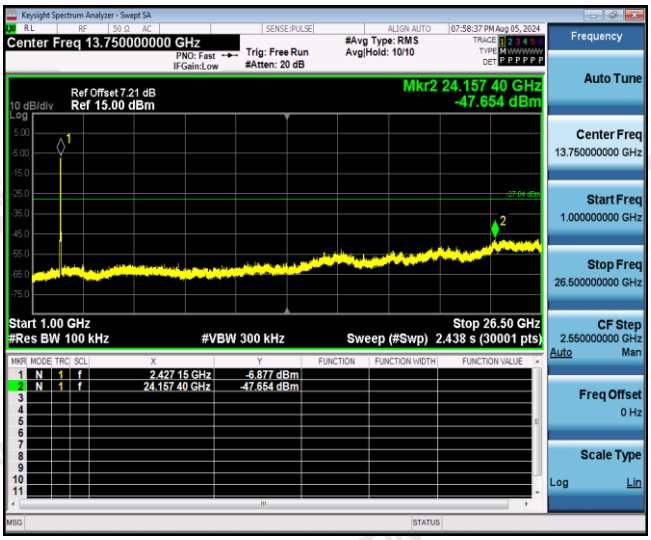
30MHz-1GHz



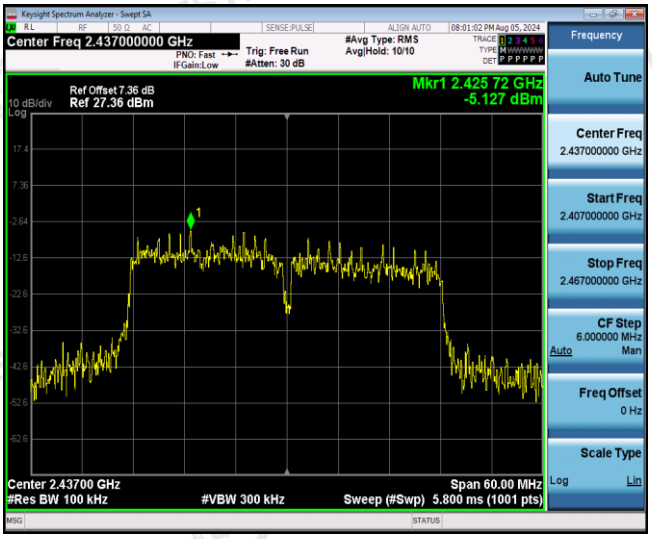
1GHz -25GHz



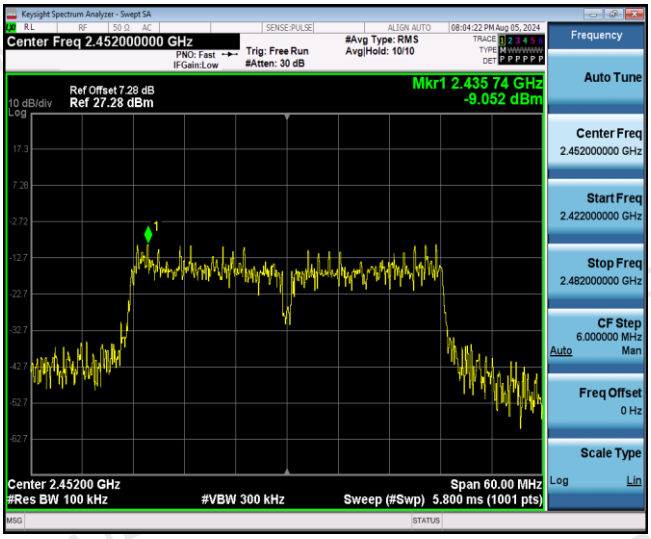
1GHz -25GHz

802.11n20	802.11n40
	
Reference	Reference
CH11	***CH03***
	
30MHz-1GHz	30MHz-1GHz
	
1GHz -25GHz	1GHz -25GHz

802.11n40

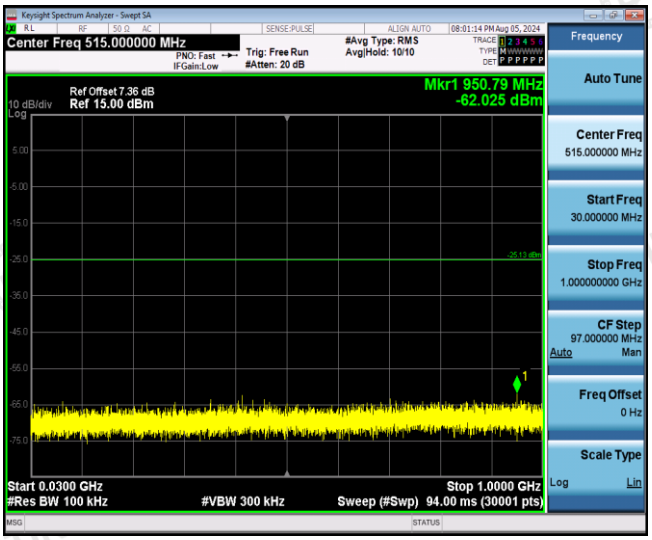


Reference



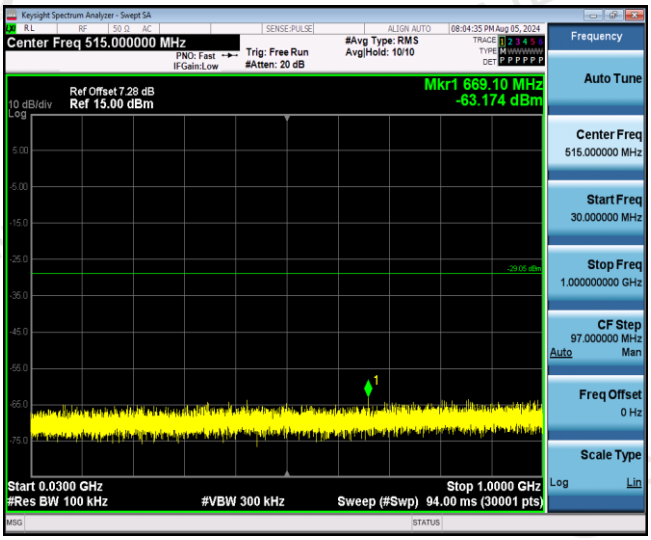
Reference

CH06

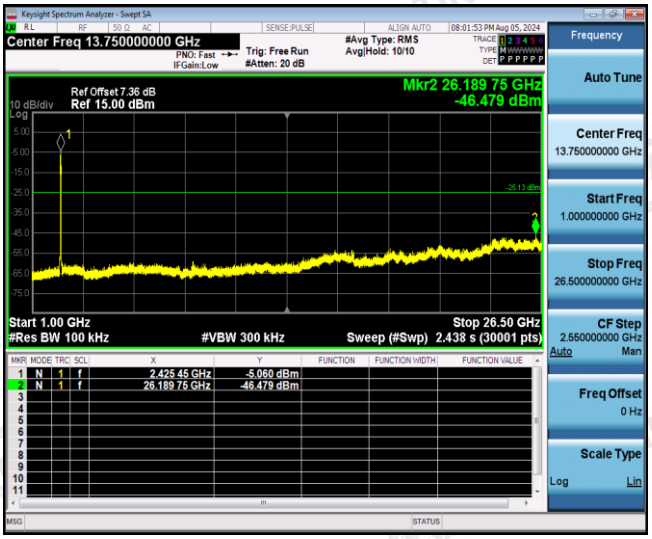


30MHz-1GHz

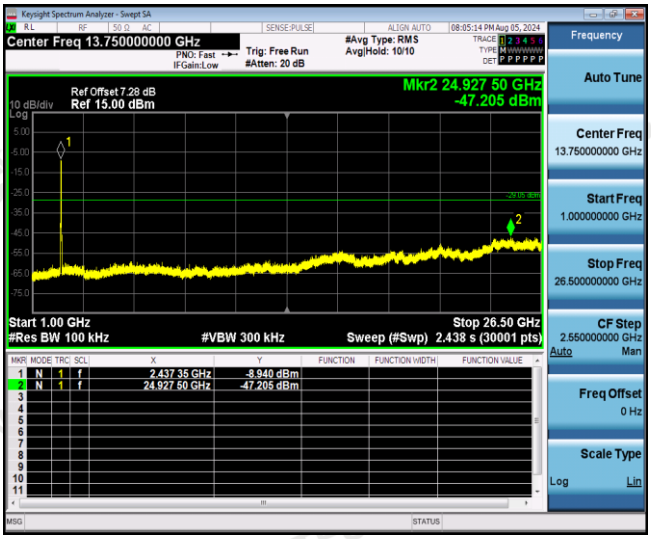
CH09



30MHz-1GHz

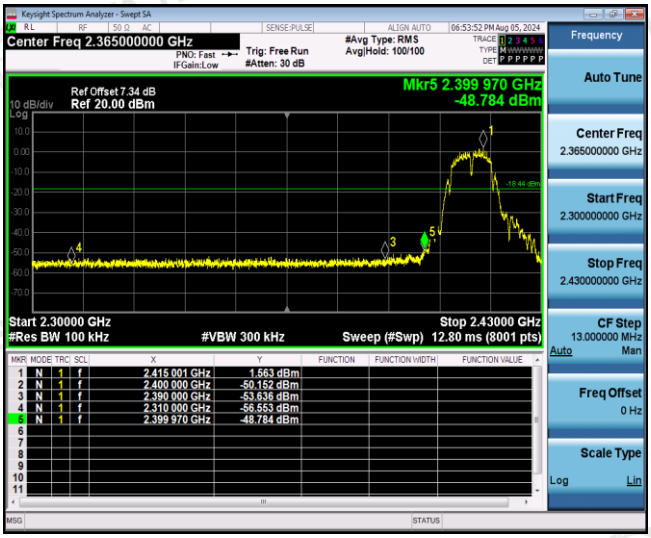
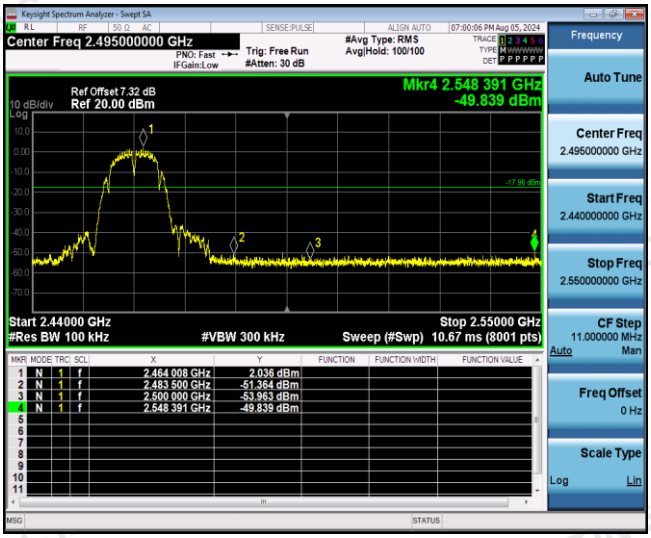
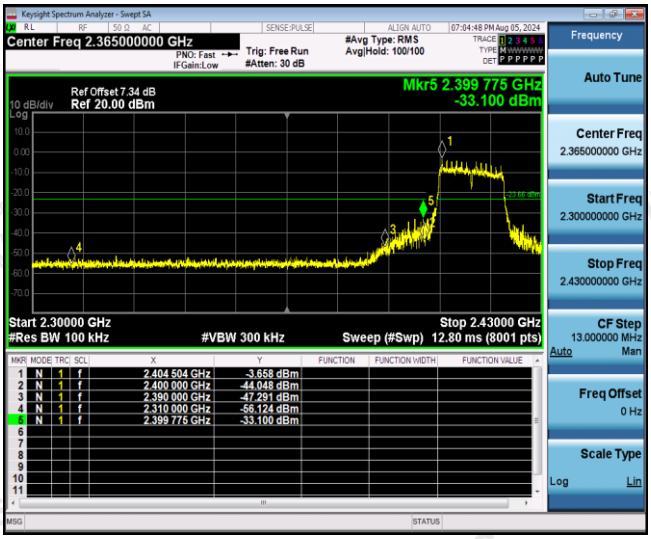
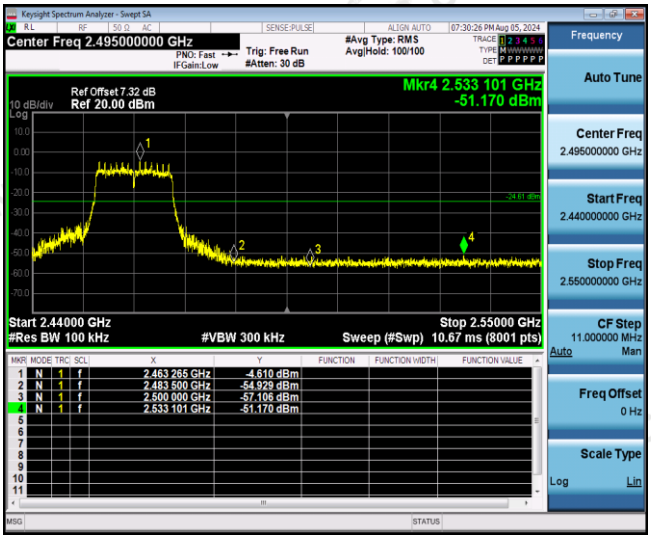


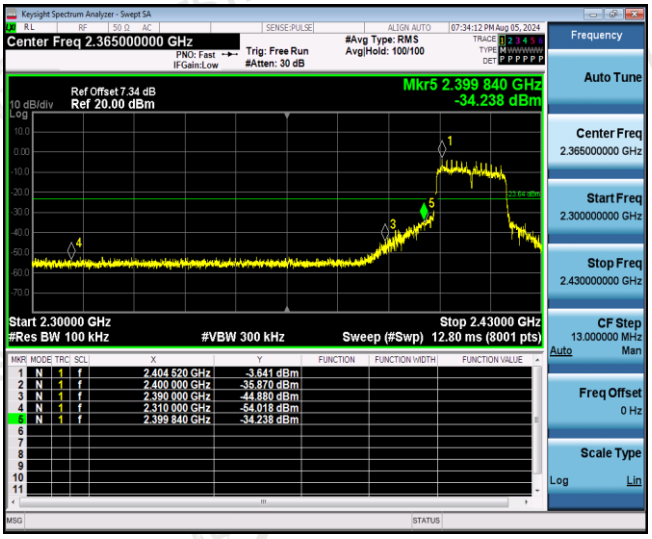
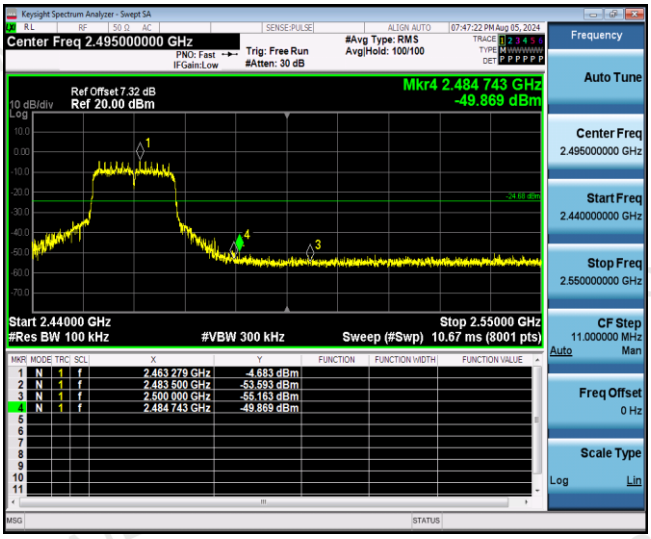
1GHz -25GHz

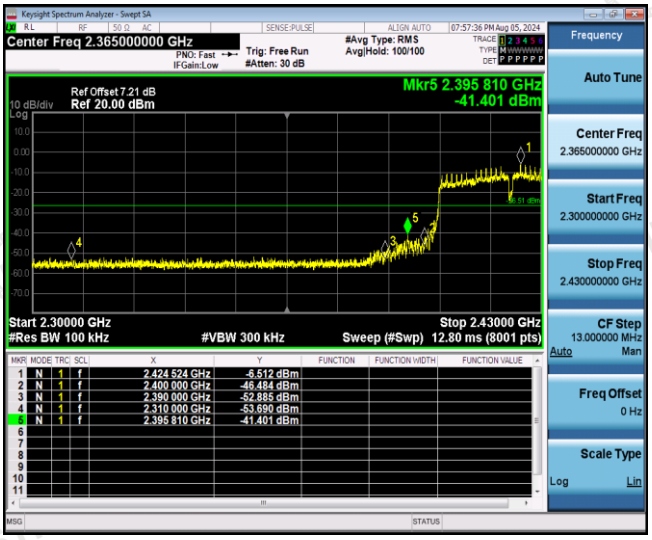
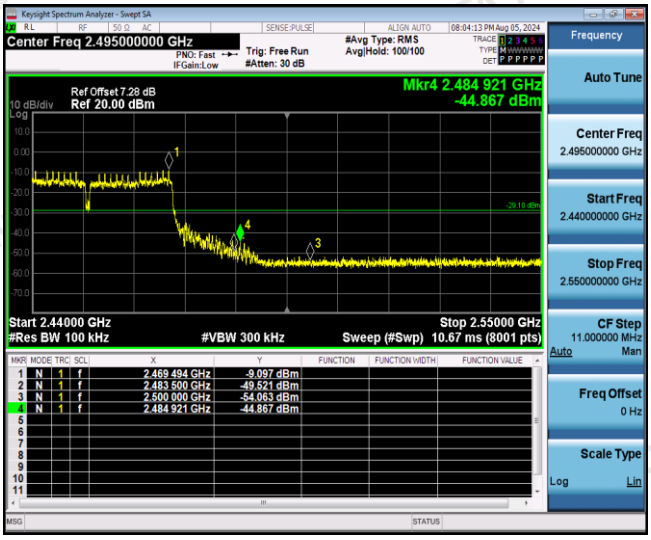


1GHz -25GHz

Band-edge Measurements for RF Conducted Emissions:

802.11b	
	
Left bandedge	Right bandedge
802.11g	
	
Left bandedge	Right bandedge

802.11n(HT20)	
	
Left bandedge	Right bandedge

802.11n(HT40)	
	
Left bandedge	Right bandedge

5.7 Antenna Requirement

Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited

FCC CFR Title 47 Part 15 Subpart C Section 15.247(c) (1) (I):

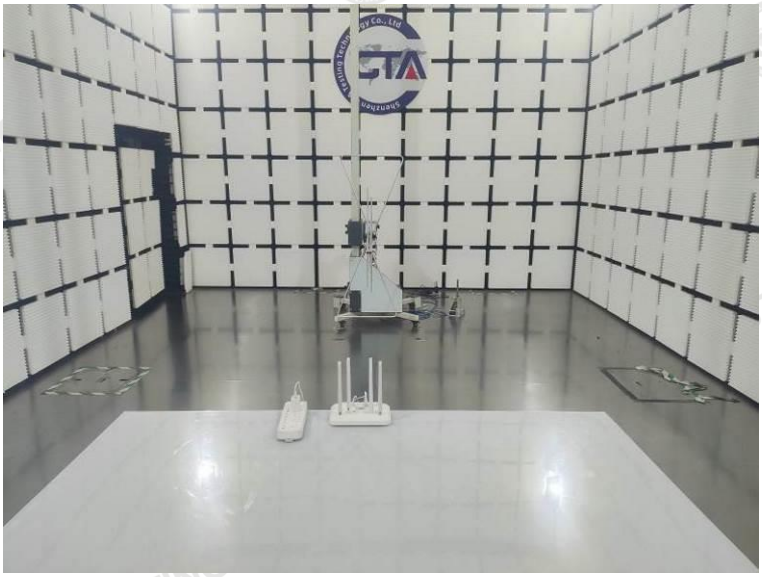
(i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.

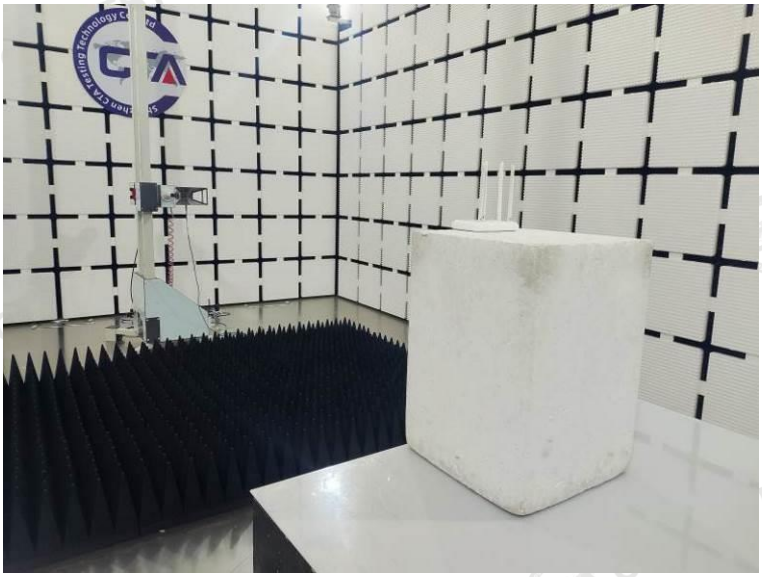
Test Result:

The maximum gain of antenna was 1.99 dBi.

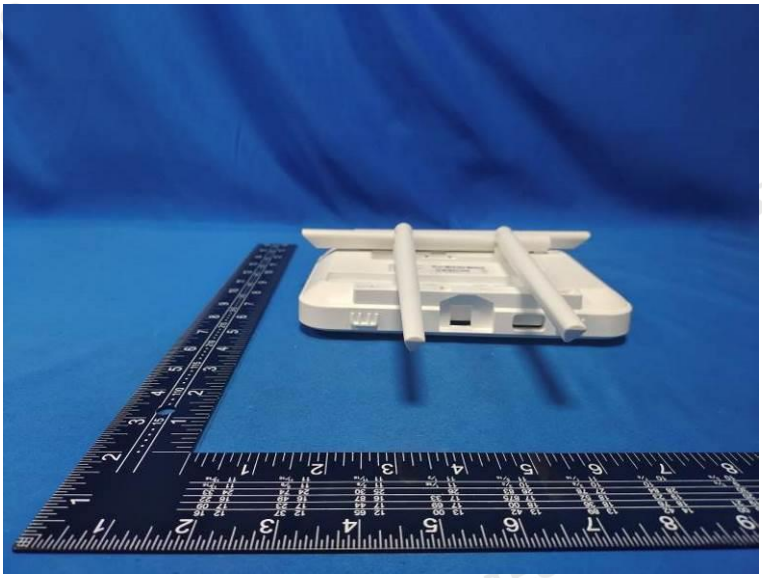
Remark:The antenna gain is provided by the customer , if the data provided by the customer is not accurate, Shenzhen CTA Testing Technology Co., Ltd. does not assume any responsibility.

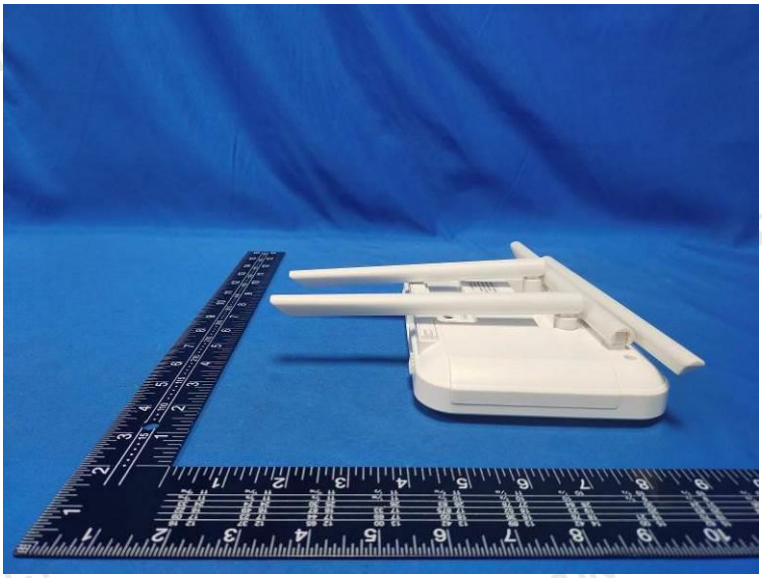
6 Test Setup Photos of the EUT



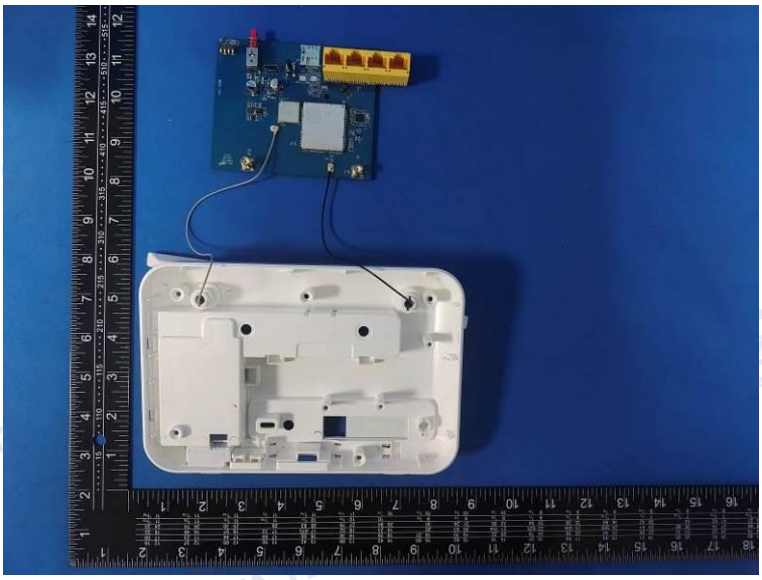


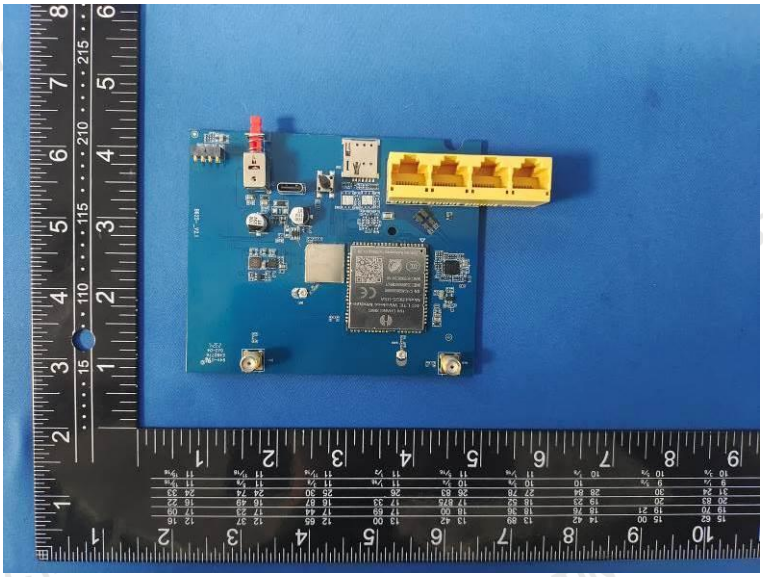
7 Photos of the EUT



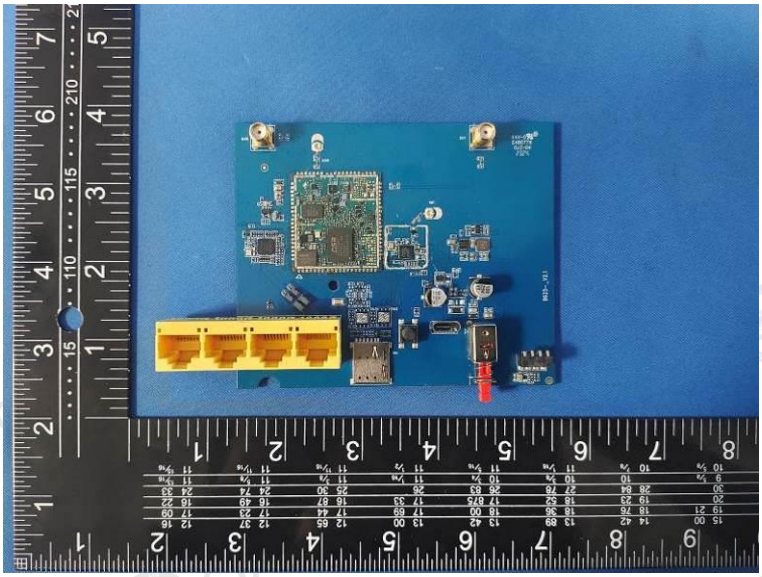


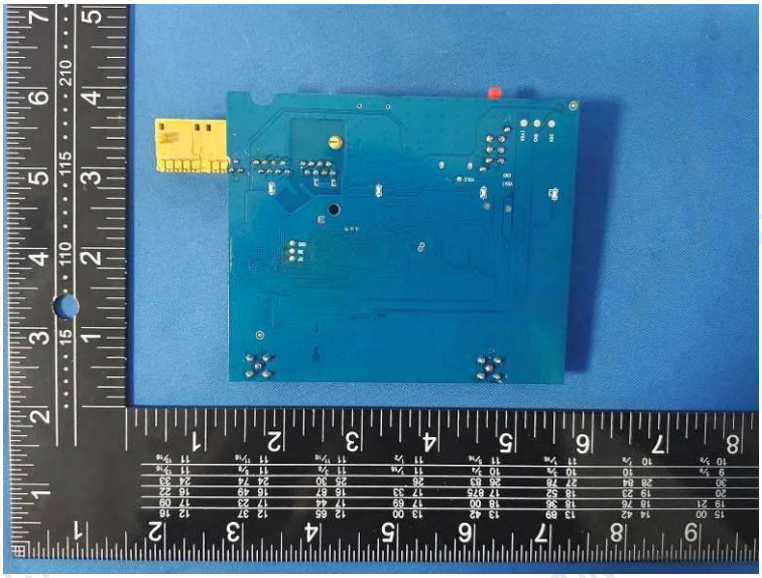
B625 4G CPE Router
Model:B625-USA
WIFI SSID:4G-AP- AFB5
Password:12345678
IP: 192.168.1.1
IP: User/Key:admin
IMEI: 363899263180863
MAC: 6C9308C3AFB5
RoHS
LAN
RESET
TPC-C



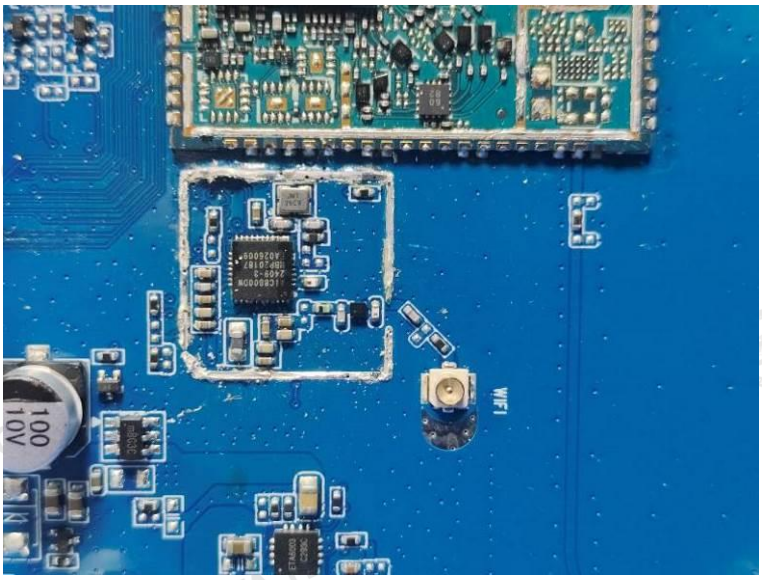


MAIN
HAI CHANG XING
4G LTE Wireless Module
Model:B625-USA
SN:SZ4246885000881
IMEI:353899263180521
MAC:6C9308C3AFA8
Shenzhen Haichangxing Technology Co.,Ltd





ASR
ASR1803S
M2Y222.00
DTA341
405MA23J16
MAIN


100
10V
WIFI

********** End of Report **********